

WHAT IS CLAIMED IS:

1. An inverter maintenance system wherein:  
portable telephones having interfaces are  
employed in both an inverter of a user and a user  
support server of a maker;

said inverter maintenance system is comprised  
of:

a step in which when an abnormal condition of  
said inverter happens to occur, abnormal information of  
said inverter, which is inputted into said portable  
telephone, is transferred to said user support server;  
and

a step in which said user support server  
analyzes said abnormal information so as to form  
trouble shooting information, and then, transfers said  
formed trouble shooting information to said portable  
telephone; and

said abnormal condition of the inverter can  
be solved based upon the trouble shooting information  
transferred to said portable telephone.

2. An inverter maintenance system wherein:  
a portable telephone having an interface is  
employed in a user support server of a maker;  
the inverter maintenance system is comprised  
of:

a step in which inverter purchase request  
information entered into said portable telephone is  
transferred to said user support server; and

09041704-083001

a step in which said user support server analyzes said inverter purchase request information so as to form inverter recommendable machine sort information, and transfers said formed inverter recommendable machine sort information to said portable telephone so as to prompt an input of inverter machine sort determination information; and

the inverter maintenance system can accept an inverter purchase request made by the user based upon said inverter machine sort determination information.

3. An inverter maintenance system as claimed in claim 1 wherein:

said interface of the portable telephone is given by a program used to connect said inverter with said portable telephone.

4. An inverter maintenance system as claimed in claim 2 wherein:

said interface of the portable telephone is given by a program used to connect said inverter with said portable telephone.

5. An inverter maintenance system as claimed in claim 3 wherein:

said program is downloaded from a Web site of a maker to said portable telephone.

6. An inverter maintenance system as claimed in claim 4 wherein:

said program is downloaded from a Web site of a maker to said portable telephone.

09941704-083001

a function by which as a result of an automatic analysis by said user support server, when the abnormal condition of said inverter cannot be

solved, the portable telephone is automatically connected to a support center operated by an operator.

11. An inverter maintenance system as claimed in claim 2 wherein:

said inverter maintenance system is comprised of:

a function by which as a result of an automatic analysis by said user support server, when the abnormal condition of said inverter cannot be solved, the portable telephone is automatically connected to a support center operated by an operator.

12. An inverter maintenance system as claimed in claim 1 wherein:

said inverter is comprised of:

a function capable of displaying an internal parameter on said portable telephone.

13. An inverter maintenance system as claimed in claim 2 wherein:

said inverter is comprised of:

a function capable of displaying an internal parameter on said portable telephone.

14. An inverter maintenance system as claimed in claim 1 wherein:

said inverter is built in a motor which is controlled by said inverter.

15. An inverter maintenance system as claimed in claim 2 wherein:

said inverter is built in a motor which is

09941704-083001

controlled by said inverter.

16. An inverter maintenance system as claimed in claim 1 wherein:

said inverter is arranged by a group of at least two inverters which are connected to each other via either a wire line or a wireless line.

17. An inverter maintenance system as claimed in claim 2 wherein:

said inverter is arranged by a group of at least two inverters which are connected to each other via either a wire line or a wireless line.

18. An inverter maintenance system as claimed in claim 1 wherein:

said inverter maintenance system is comprised of:

a function by which a control program written into said inverter is downloaded from a server by employing a portable telephone to be rewritten.

19. An inverter maintenance system as claimed in claim 2 wherein:

said inverter maintenance system is comprised of:

a function by which a control program written into said inverter is downloaded from a server by employing a portable telephone to be rewritten.

20. An inverter operated by a parameter set in a control apparatus, wherein:

said parameter is constituted to be set by

0941704-03001

manipulating a key of a portable telephone.

21. An inverter as claimed in claim 20 wherein:

when the parameter is set by said portable telephone, said parameter is displayed on a display screen of said portable telephone.

0944704 083001  
FOOEE80" 402F4660